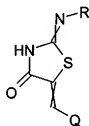


Amendments to the Claims

This listing of claims will replace all prior versions, and listings, of claims in the application:

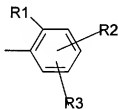
1. (Currently Amended) A method of inhibiting hYAK3 in a ~~mammal~~ human; comprising, administering to the ~~mammal~~ human a therapeutically effective amount of a compound of the formula I, or a salt, ~~solvate, or a physiologically functional derivative~~ thereof



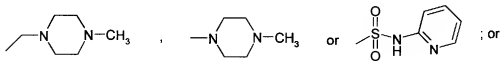
in which

R is C₃₋₆ cycloalkyl or naphthyl; or

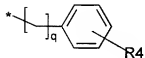
R is



in which R1 is hydrogen, halogen, -C₁₋₆alkyl, -SC₁₋₆alkyl, -OC₁₋₆alkyl, -NO₂, -S(=O)-C₁₋₆alkyl, -OH, -CF₃, -CN, -CO₂H, -OCF₃, or -CO₂C₁₋₆alkyl; and R2 and R3 are independently hydrogen, halogen, -C₁₋₆alkyl, -SC₁₋₆alkyl, -OC₁₋₆alkyl, -NO₂, -S(=O)-C₁₋₆alkyl, -OH, -CF₃, -CN, -CO₂H, -CO₂C₁₋₆alkyl, -CONH₂, -NH₂, -OCH₂(C=O)OH, -OCH₂CH₂OCH₃, -SO₂NH₂, -CH₂SO₂CH₃, -NH(C(=NH)CH₃); or R2 and R3 can independently be a radical of the formula

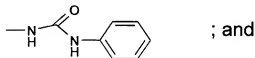
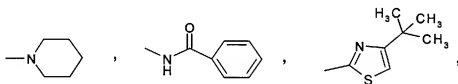
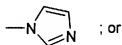


R is



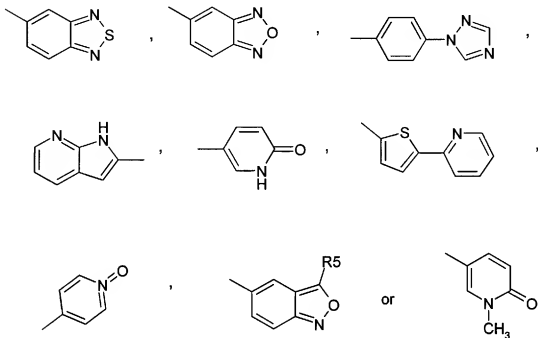
in which q is one or two; R₄ is hydrogen, halogen, or -SO₂NH₂; or

R is -(CH₂)_n-NR^kR^l in which n is 2 or 3, and R^k and R^l are independently -C₁₋₆alkyl; or -NR^kR^l together form



R is

Q is

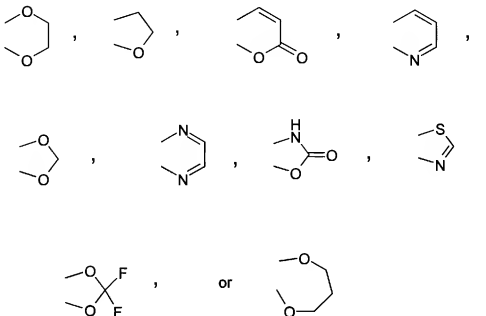


in which R5 is hydrogen, phenyl optionally substituted with up to three C₁₋₆ alkyl or halogen, or C₁₋₆ alkyl; or

Q is



in which Y is CH; and A and B together are a part of



provided that ortho position to Y is N or O; or

Q is



in which Y is N or CH; J is hydrogen, NH_2 , OH or $-\text{OC}_{1-6}\text{alkyl}$; and L is hydrogen, NH_2 , halogen, $-\text{NO}_2$, or $-\text{OC}_{1-6}\text{alkyl}$.

- (Currently Amended) A method of treating or preventing diseases of the erythroid and hematopoietic systems, caused by the hYAK3 imbalance or inappropriate activity; comprising, administering to a ~~mammal~~ human a therapeutically effective amount of a compound of claim 1, or a salt, ~~solvate, or a physiologically functional derivative~~ thereof and one or more of pharmaceutically acceptable carriers, diluents and excipients.
- (Original) A method of claim 2 in which diseases of the erythroid and hematopoietic systems are selected from the group consisting of: anemia, aplastic

anemia, myelodysplastic syndrome, myelosuppression, and cytopenia.

4. (Currently Amended) A method of treating or preventing diseases selected from the group consisting of: anemia, aplastic anemia, myelodysplastic syndrome, myelosuppression, and cytopenia; comprising, administering to a ~~mammal~~ human a therapeutically effective amount of a compound of claim 1, or a salt, ~~solvate, or a physiologically functional derivative thereof~~ and one or more of pharmaceutically acceptable carriers, diluents and excipients.

5. (Currently Amended) A method of claim 1 in which a compound of formula I is selected from the group consisting of:

2-(2-Chloro-5-fluoro-phenylimino)-5-(2,3-dihydro-benzo[1-6]dioxin-6-ylmethylene)-thiazolidin-4-one;

2-(2-Chloro-phenylimino)-5-(2-oxo-2H-chromen-6-ylmethylene)-thiazolidin-4-one;

2-(2-Chloro-phenylimino)-5-(2-oxo-2H-chromen-6-ylmethylene)-thiazolidin-4-one;

2-(2-Chloro-phenylimino)-5-(2-oxo-2H-chromen-6-ylmethylene)-thiazolidin-4-one;

5-(2,3-Dihydro-benzofuran-5-ylmethylene)-2-(2,4,6-trimethyl-phenylimino)-thiazolidin-4-one;

2-Cyclohexylimino-5-(2,3-dihydro-benzo[1-6]dioxin-6-ylmethylene)-thiazolidin-4-one;

2-Cyclohexylimino-5-(2,3-dihydro-benzofuran-5-ylmethylene)-thiazolidin-4-one;

5-Benzo[1,3]dioxol-5-ylmethylene-2-(chloro-phenylimino)-thiazolidin-4-one;

5-(2,3-Dihydro-benzofuran-5-ylmethylene)-2-o-tolylimino-thiazolidin-4-one;

5-(2,3-Dihydro-benzo[1-6]dioxin-6-ylmethylene)-2-o-tolylimino-thiazolidin-4-one;

5-[2-(2-Chloro-phenylimino)-4-oxo-thiazolidin-5-ylidenemethyl]-3H-benzooxazol-2-one;

2-(2-Trifluoromethyl-phenylimino)-5-(2,3-dihydro-benzofuran-5-ylmethylene)-thiazolidin-4-one;

- 2-(2-Bromo-phenylimino)-5-(2,3-dihydro-benzofuran-5-ylmethylene)-thiazolidin-4-one;
- 2-(2,6-Dichloro-phenylimino)-5-(2,3-dihydro-benzofuran-5-ylmethylene)-thiazolidin-4-one;
- 5-(2,3-Dihydro-benzofuran-5-ylmethylene)-2-(2-methylsulfanyl-phenylimino)-thiazolidin-4-one;
- 5-(2,3-Dihydro-benzofuran-5-ylmethylene)-2-(2-fluoro-phenylimino)-thiazolidin-4-one;
- 2-(2-Methylsulfanyl-phenylimino)-5-(quinolin-6-ylmethylene)-thiazolidin-4-one;
- 2-(2-Bromo-phenylimino)-5-(quinolin-6-ylmethylene)-thiazolidin-4-one;
- 2-(2,3-Dimethyl-phenylimino)-5-(quinolin-6-ylmethylene)-thiazolidin-4-one;
- 2-(Naphthalen-1-ylimino)-5-(quinolin-6-ylmethylene)-thiazolidin-4-one;
- 5-(Quinolin-6-ylmethylene)-2-(2-trifluoromethyl-phenylimino)-thiazolidin-4-one;
- 2-(2-Chloro-5-trifluoromethyl-phenylimino)-5-(quinolin-6-ylmethylene)-thiazolidin-4-one;
- 2-(2,6-Dichloro-phenylimino)-5-8quinolin-6-ylmethylene)-thiazolidin-4-one;
- 2-(2-Bromo-phenylimino)-5-(2,3-dihydro-benzo[1,6]dioxin-6-ylmethylene)-thiazolidin-4-one;
- 5-(Benzo[1,3]dioxol-5-ylmethylene)-2-(2-bromo-phenylimino)-thiazolidin-4-one;
- 2-(2-Chloro-phenylimino)-5-(quinoxalin-6-ylmethylene)-thiazolidin-4-one;
- 2-(2,6-Dichloro-phenylimino)-5-(2,3-dihydro-benzo[1,6]dioxin-6-ylmethylene)-thiazolidin-4-one;
- 5-(2,3-Dihydro-benzo[1,6]dioxin-6-ylmethylene)-2-(2-nitro-phenylimino)-thiazolidin-4-one;
- 5-(2,3-Dihydro-benzofuran-5-ylmethylene)-2-(2-nitro-phenylimino)-thiazolidin-4-one;
- 2-(2-Chloro-4-fluoro-5-methyl-phenylimino)-5-(2,3-dihydro-benzofuran-5-ylmethylene)-thiazolidin-4-one;
- 3-Chloro-4-[5-(2,3-dihydro-benzofuran-5-ylmethylene)-4-oxo-thiazolidin-2-ylideneamino]-benzoic acid methyl ester;
- 2-(2-Chloro-5-fluoro-phenylimino)-5-(2,3-dihydro-benzofuran-5-ylmethylene)-thiazolidin-4-one;

2-(2-Chloro-4-trifluoromethyl-phenylimino)-5-(2,3-dihydro-benzofuran-5-ylmethylene)-thiazolidin-4-one;

2-(4-Bromo-2-chloro-phenylimino)-5-(2,3-dihydro-benzofuran-5-ylmethylene)-thiazolidin-4-one;

5-(2,3-Dihydro-benzofuran-5-ylmethylene)-2-(2-methanesulfinyl-phenylimino)-thiazolidin-4-one;

3-Chloro-4-[5-(2,3-dihydro-benzofuran-5-ylmethylene)-4-oxo-thiazolidin-2-ylideneamino]-benzoic acid;

5-[2-(2-Chloro-phenylimino)-4-oxo-thiazolidin-5-ylidenemethyl]-1H-pyridin-2-one;

2-(2-Methylsulfonyl-phenylimino)-5-(quinolin-6-ylmethylene)-thiazolidin-4-one;

2-(2-Chloro-4-fluoro-5-methyl-phenylimino)-5-(quinolin-6-ylmethylene)-thiazolidin-4-one;

2-(2-Chloro-5-fluoro-phenylimino)-5-(quinolin-6-ylmethylene)-thiazolidin-4-one;

2-(2-Chloro-5-fluoro-phenylimino)-5-(2,3-dihydro-benzo[1,6]dioxin-6-ylmethylene)-thiazolidin-4-one;

2-(2-Chloro-4-trifluoromethyl-phenylimino)-5-quinolin-6-ylmethylene-thiazolidin-4-one;

5-(Benzothiazol-6-ylmethylene)-2-(2-chloro-phenylimino)-thiazolidin-4-one;

5-(Benzo[1,2,5]thiadiazol-5-ylmethylene)-2-(2-bromo-phenylimino)-thiazolidin-4-one;

5-(Benzo[1,2,5]thiadiazol-5-ylmethylene)-2-(2-chloro-5-fluoro-phenylimino)-thiazolidin-4-one;

5-(Benzothiazol-6-ylmethylene)-2-(2,6-dichloro-phenylimino)-thiazolidin-4-one;

2-(2-Chloro-phenylimino)-5-(4-hydroxy-3-nitro-benzylidene)-thiazolidin-4-one;

2-(2-Chloro-phenylimino)-5-(4-hydroxy-3-methoxy-benzylidene)-thiazolidin-4-one;

2-(2-Chloro-phenylimino)-5-(4-hydroxy-2-methoxy-benzylidene)-thiazolidin-4-one;

2-(2-Chloro-phenylimino)-5-(4-hydroxy-benzylidene)-thiazolidin-4-one;

2-(2-Chloro-phenylimino)-5-(4-methoxy-benzylidene)-thiazolidin-4-one;

5-(3-Chloro-4-hydroxy-benzylidene)-2-(2-chloro-phenylimino)-thiazolidin-4-one;

2-(2-Chloro-phenylimino)-5-(3-fluoro-4-methoxy-benzylidene)-thiazolidin-4-one;
2-(2,6-Dichloro-phenylimino)-5-(3-fluoro-4-hydroxy-benzylidene)-thiazolidin-4-one;
2-(2-Chloro-phenylimino)-5-(3-fluoro-4-hydroxy-benzylidene)-thiazolidin-4-one;
2-(2-Chloro-5-fluoro-phenylimino)-5-(3-fluoro-4-hydroxy-benzylidene)-thiazolidin-4-one;
5-(3-Fluoro-4-hydroxy-benzylidene)-2-o-tolylimino-thiazolidin-4-one;
2-(2-Chloro-phenylimino)-5-quinolin-6-ylmethylene-thiazolidin-4-one;
5-Quinolin-6-ylmethylene-2-(2,4,6-trimethyl-phenylimino)-thiazolidin-4-one;
5-Quinolin-6-ylmethylene-2-o-tolylimino-thiazolidin-4-one;
2-(2-Methoxy-phenylimino)-5-quinolin-6-ylmethylene-thiazolidin-4-one;
5-(2,3-Dihydro-benzofuran-5-ylmethylene)-2-(2-dimethylamino-ethylamino)-thiazol-4-one;
Benzoic acid N'-(4-oxo-5-quinolin-6-ylmethylene-4,5-dihydro-thiazol-2-yl)-hydrazide;
2-(2-Dimethylamino-ethylimino)-5-quinolin-6-ylmethylene-thiazolidin-4-one;
5-(2,3-Dihydro-benzofuran-5-ylmethylene)-2-(piperidin-1-ylamino)-thiazol-4-one;
2-Benzylamino-5-(2,3-dihydro-benzofuran-5-ylmethylene)-thiazol-4-one;
2-(4-tert-Butyl-thiazol-2-ylamino)-5-(2,3-dihydro-benzofuran-5-ylmethylene)-thiazol-4-one;
4-[[5-(2,3-Dihydro-benzofuran-5-ylmethylene)-4-oxo-4,5-dihydro-thiazol-2-ylamino]-methyl]-benzenesulfonamide;
5-(2,3-Dihydro-benzofuran-5-ylmethylene)-2-(3-dimethylamino-propylamino)-thiazol-4-one;
5-(2,3-Dihydro-benzofuran-5-ylmethylene)-2-(3-imidazol-1-yl-propylamino)-thiazol-4-one;
Phenyl-carbamic acid N'-[5-(2,3-dihydro-benzofuran-5-ylmethylene)-4-oxo-4,5-dihydro-thiazol-2-yl]-hydrazide;
Benzoic acid N'-[5-(2,3-dihydro-benzofuran-5-ylmethylene)-4-oxo-4,5-dihydro-thiazol-2-yl]-hydrazide;
5-Benzo[1,2,5]thiadiazol-5-ylmethylene-2-(2,3,4-trifluoro-phenylamino)-thiazol-4-one;
5-Benzo[1,2,5]oxadiazol-5-ylmethylene-2-(2-nitro-phenylamino)-thiazol-4-one;
2-(2,6-Dichloro-phenylamino)-5-(4-[1,2,4]triazol-1-yl-benzylidene)-thiazol-4-one;
2-(2,6-Dichloro-phenylamino)-5-(1H-pyrrolo[2,3-b]pyridin-2-ylmethylene)-thiazol-4-one;
5-Benzo[1,2,5]thiadiazol-5-ylmethylene-2-(2,6-dichloro-phenylamino)-thiazol-4-one;

5-[2-(2-Methoxy-6-methyl-phenylamino)-4-oxo-4H-thiazol-5-ylidenemethyl]-1H-pyridin-2-one;
5-Benzo[1,2,5]thiadiazol-5-ylmethylene-2-(2-nitro-phenylamino)-thiazol-4-one;
2-(2-Bromo-6-fluoro-phenylamino)-5-quinolin-6-ylmethylene-thiazol-4-one;
2-(2-Methoxy-6-methyl-phenylamino)-5-quinolin-6-ylmethylene-thiazol-4-one;
5-Quinolin-6-ylmethylene-2-(2,3,4-trifluoro-phenylamino)-thiazol-4-one;
2-(2,6-Dichloro-phenylamino)-5-(2-oxo-2H-chromen-6-ylmethylene)-thiazol-4-one;
2-(2-Bromo-phenylamino)-5-(5-pyridin-2-yl-thiophen-2-ylmethylene)-thiazol-4-one;
2-(2-Bromo-phenylamino)-5-(1-oxy-pyridin-4-ylmethylene)-thiazol-4-one;
2-(2-Bromo-phenylamino)-5-(3-p-tolyl-benzo[c]isoxazol-5-ylmethylene)-thiazol-4-one;
2-(2-Bromo-phenylamino)-5-(3,4-dihydro-2H-benzo[b][1,6]dioxepin-7-ylmethylene)-thiazol-4-one;
5-Benzo[1,2,5]oxadiazol-5-ylmethylene-2-(2-bromo-phenylamino)-thiazol-4-one;
2-(2,6-Dichloro-phenylamino)-5-(2-methoxy-pyridin-3-ylmethylene)-thiazol-4-one;
2-(2-Chloro-phenylamino)-5-(6-methoxy-pyridin-3-ylmethylene)-thiazol-4-one;
2-(2-Chloro-5-trifluoromethyl-phenylamino)-5-quinolin-6-ylmethylene-thiazol-4-one;
2-(2-Bromo-phenylamino)-5-(4-hydroxy-3-methoxy-benzylidene)-thiazol-4-one;
5-(2,3-Dihydro-benzofuran-5-ylmethylene)-2-(2-methoxy-phenylamino)-thiazol-4-one;
2-(2-Nitro-phenylamino)-5-quinolin-6-ylmethylene-thiazol-4-one;
2-(2-Bromo-phenylamino)-5-(3,4-diamino-benzylidene)-thiazol-4-one;
5-[2-(2-Chloro-phenylimino)-4-oxo-thiazolidin-5-ylidenemethyl]-1-methyl-1H-pyridin-2-one;
2-(2-Chloro-5-nitro-phenylamino)-5-quinolin-6-ylmethylene-thiazol-4-one;
2-(5-Amino-2-chloro-phenylamino)-5-quinolin-6-ylmethylene-thiazol-4-one;

N-[4-Chloro-3-(4-oxo-5-quinolin-6-ylmethylene-4,5-dihydro-thiazol-2-ylamino)-phenyl]-acetamidine hydrochloride;

4-[(4-oxo-5-(6-quinolinylmethylidene)-4,5-dihydro-1,3-thiazol-2-yl)amino]benzamide;

3-[(4-oxo-5-(6-quinolinylmethylidene)-4,5-dihydro-1,3-thiazol-2-yl)amino]benzenesulfonamide;

4-[(4-oxo-5-(6-quinolinylmethylidene)-4,5-dihydro-1,3-thiazol-2-yl)amino]-N-2-pyridinylbenzenesulfonamide;

2-({4-[(4-methyl-1-piperazinyl)methyl]phenyl}amino)-5-(6-quinolinylmethylidene)-1,3-thiazol-4(5H)-one;

2-({4-[(methylsulfonyl)methyl]phenyl}amino)-5-(6-quinolinylmethylidene)-1,3-thiazol-4(5H)-one;

2-({3-[(methylsulfonyl)methyl]phenyl}amino)-5-(6-quinolinylmethylidene)-1,3-thiazol-4(5H)-one;

2-[(4-(4-methyl-1-piperazinyl)phenyl)amino]-5-(6-quinolinylmethylidene)-1,3-thiazol-4(5H)-one;

2-[(2-(3-chlorophenyl)ethyl)amino]-5-(6-quinolinylmethylidene)-1,3-thiazol-4(5H)-one;

4-(2-[(4-oxo-5-(6-quinolinylmethylidene)-4,5-dihydro-1,3-thiazol-2-yl)amino]ethyl)benzenesulfonamide;

3-[(4-oxo-5-(6-quinolinylmethylidene)-4,5-dihydro-1,3-thiazol-2-yl)amino]benzamide;

2-[(2,6-Difluoro-phenylamino)-methylene]-5-quinolin-6-ylmethylene-thiazolidin-4-one;

2-[(2,6-Difluoro-phenylamino)-methylene]-5-quinolin-6-ylmethylene-thiazolidin-4-one;

[2,4-Dichloro-5-(4-oxo-5-quinolin-6-ylmethylene-thiazolidin-2-ylideneamino)-phenoxy]-acetic acid;

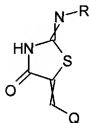
2-[2,4-Dichloro-5-(2-methoxy-ethoxy)-phenyl]imino]-5-quinolin-6-ylmethylene-thiazolidin-4-one;

4-Chloro-3-(4-oxo-5-quinolin-6-ylmethylene-thiazolidin-2-ylideneamino)-benzoic acid; and

[2,4-Dichloro-5-(4-oxo-5-quinolin-6-ylmethylene-thiazolidin-2-ylideneamino)-phenoxy]-acetic acid,

or a salt, ~~solvate, or a physiologically functional derivative thereof.~~

6. (Currently Amended) A compound of the formula II, or a salt, ~~solvate, or a~~
~~physiologically functional derivative thereof,~~

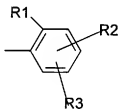


II

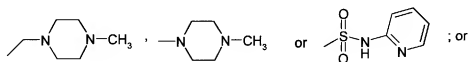
in which

R is C₃₋₆ cycloalkyl or naphthyl; or

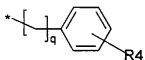
R is



in which R1 is hydrogen, halogen, -C₁₋₆alkyl, -SC₁₋₆alkyl, -OC₁₋₆alkyl, -NO₂, -S(=O)-C₁₋₆alkyl, -OH, -CF₃, -CN, -CO₂H, -OCF₃, or -CO₂C₁₋₆alkyl; and R2 and R3 are independently hydrogen, halogen, -C₁₋₆ alkyl, -SC₁₋₆alkyl, -OC₁₋₆alkyl, -NO₂, -S(=O)-C₁₋₆alkyl, -OH, -CF₃, -CN, -CO₂H, -CO₂C₁₋₆alkyl, -CONH₂, -NH₂, -OCH₂(C=O)OH, -OCH₂CH₂OCH₃, -SO₂NH₂, -CH₂SO₂CH₃, -NH(C=NH)CH₃; or R2 and R3 can independently be a radical of the formula

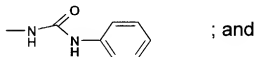
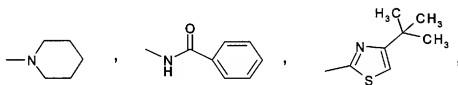
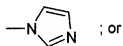


R is



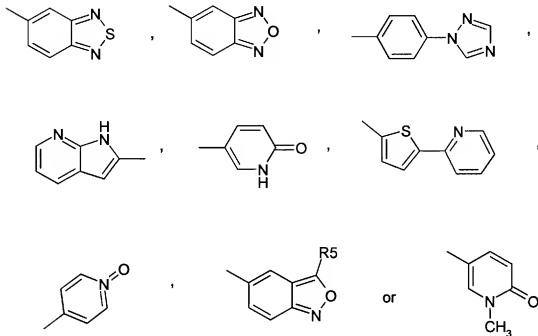
in which q is one or two; R₄ is hydrogen, halogen, or —SO₂NH₂; or

R is —(CH₂)_n—NR^kR^l in which n is 2 or 3, and R^k and R^l are independently —C₁₋₆alkyl; or —NR^kR^l together form



R is

Q is

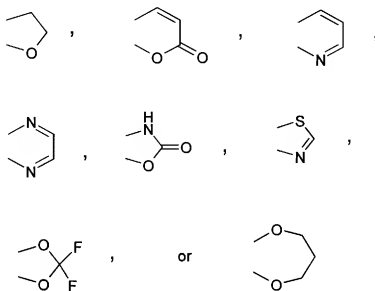


in which R₅ is hydrogen, phenyl optionally substituted with up to three C₁₋₆ alkyl or halogen, or C₁₋₆ alkyl; or

Q is



in which Y is CH; and A and B together are a part of

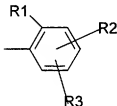


provided that ortho position to Y is N or O.

7. (Currently Amended) A compound of formula II as described in claim 6 in which

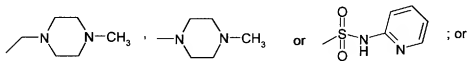
R is C₃₋₆ cycloalkyl or naphthyl; or

R is

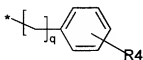


in which R1 is hydrogen, halogen, -C₁₋₆alkyl, -SC₁₋₆alkyl, -OC₁₋₆alkyl, -NO₂, -S(=O)-C₁₋₆alkyl, -OH, -CF₃, -CN, -CO₂H, -OCF₃, or -CO₂C₁₋₆alkyl;

and R2 and R3 are independently hydrogen, halogen, -C₁₋₆ alkyl, -SC₁₋₆alkyl, -OC₁₋₆alkyl, -NO₂, -S(=O)-C₁₋₆alkyl, -OH, -CF₃, -CN, -CO₂H, -CO₂C₁₋₆alkyl, -CONH₂, -NH₂, -OCH₂(C=O)OH, -OCH₂CH₂OCH₃, -SO₂NH₂, -CH₂SO₂CH₃, -NH(C=NH)CH₃; or R2 and R3 can independently be a radical of the formula

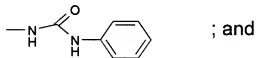
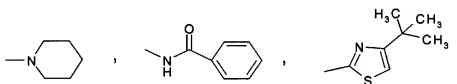
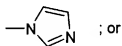


R is



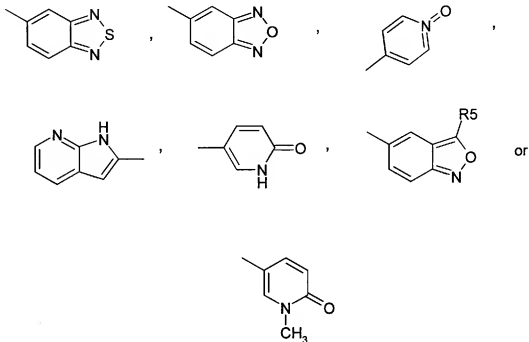
in which q is one or two; R4 is hydrogen, halogen, or -SO₂NH₂; or

R is -(CH₂)_n-NR^kR^l in which n is 2 or 3, and R^k and R^l are independently -C₁₋₆alkyl; or -NR^kR^l together form



R is

Q is

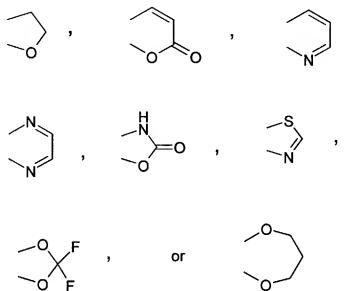


in which R5 is hydrogen, phenyl optionally substituted with up to three C₁₋₆ alkyl or halogen, or C₁₋₆ alkyl; or

Q is



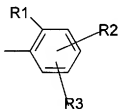
in which Y is CH; and A and B together are a part of



provided that ortho position to Y is N or O₄

or a salt, solvate, or a physiologically functional derivative thereof.

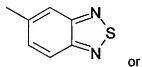
8. (Currently Amended) A compound of formula II as described in claim 7 in which R is



in which R₁ is halogen, -C₁₋₆alkyl, -SC₁₋₆alkyl, -OC₁₋₆alkyl, -NO₂, -S(=O)-C₁₋₆alkyl, -OH, -CF₃, -CN, -CO₂H, or -CO₂C₁₋₆alkyl;
and R₂ and R₃ are independently hydrogen, halogen, -C₁₋₆ alkyl, -SC₁₋₆alkyl, -OC₁₋₆alkyl, -NO₂, -S(=O)-C₁₋₆alkyl, -OH, -CF₃, -CN, -CO₂H, -CO₂C₁₋₆alkyl, -NH₂, or -NH(C=NH)CH₃;

and

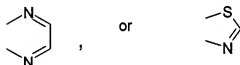
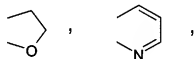
Q is



Q is



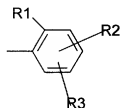
in which Y is CH; and A and B together are a part of



provided that ortho position to Y is N or O₄

or a salt, solvate, or a physiologically functional derivative thereof.

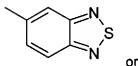
9. (Currently Amended) A compound of formula II as described in claim 8 in which R is



in which R1 is halogen, -C₁₋₆alkyl, -SC₁₋₆alkyl, -OC₁₋₆alkyl, -NO₂,
-S(=O)-C₁₋₆alkyl, -OH, -CF₃, -CN, -CO₂H, or -CO₂C₁₋₆alkyl;
and R2 and R3 are independently hydrogen, halogen, -C₁₋₆ alkyl,
-SC₁₋₆alkyl, -OC₁₋₆alkyl, -NO₂, -S(=O)-C₁₋₆alkyl, -OH, -CF₃, -CN, -CO₂H,
-CO₂C₁₋₆alkyl, -NH₂, or -NH(C=NH)CH₃;

and

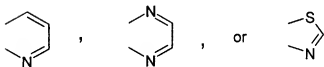
Q is



Q is



in which Y is CH; and A and B together are a part of



provided that ortho position to Y is N or O,

or a salt, solvate, or a physiologically functional derivative thereof.

10. (Previously Presented) A pharmaceutical composition comprising a therapeutically effective amount of a compound of claim 6 or a salt, solvate, or a physiologically functional derivative thereof and one or more of pharmaceutically acceptable carriers, diluents and excipients.

11. (Currently Amended) A compound of claim 6 selected from the group consisting of:

- 2-(2-Chloro-5-fluoro-phenylimino)-5-(2,3-dihydro-benzo[1-6]dioxin-6-ylmethylene)-thiazolidin-4-one;
- 2-(2-Chloro-phenylimino)-5-(2-oxo-2H-chromen-6-ylmethylene)-thiazolidin-4-one;
- 2-(2-Chloro-phenylimino)-5-(2-oxo-2H-chromen-6-ylmethylene)-thiazolidin-4-one;
- 2-(2-Chloro-phenylimino)-5-(2-oxo-2H-chromen-6-ylmethylene)-thiazolidin-4-one;
- 5-(2,3-Dihydro-benzofuran-5-ylmethylene)-2-(2,4,6-trimethyl-phenylimino)-thiazolidin-4-one;
- 2-Cyclohexylimino-5-(2,3-dihydro-benzo[1-6]dioxin-6-ylmethylene)-thiazolidin-4-one;
- 2-Cyclohexylimino-5-(2,3-dihydro-benzofuran-5-ylmethylene)-thiazolidin-4-one;
- 5-(2,3-Dihydro-benzofuran-5-ylmethylene)-2-o-tolylimino-thiazolidin-4-one;
- 5-(2,3-Dihydro-benzo[1-6]dioxin-6-ylmethylene)-2-o-tolylimino-thiazolidin-4-one;
- 5-[2-(2-Chloro-phenylimino)-4-oxo-thiazolidin-5-ylidenemethyl]-3H-benzooxazol-2-one;
- 2-(2-Trifluoromethyl-phenylimino)-5-(2,3-dihydro-benzofuran-5-ylmethylene)-thiazolidin-4-one;
- 2-(2-Bromo-phenylimino)-5-(2,3-dihydro-benzofuran-5-ylmethylene)-thiazolidin-4-one;
- 2-(2,6-Dichloro-phenylimino)-5-(2,3-dihydro-benzofuran-5-ylmethylene)-thiazolidin-4-one;
- 5-(2,3-Dihydro-benzofuran-5-ylmethylene)-2-(2-methylsulfanyl-phenylimino)-thiazolidin-4-one;
- 5-(2,3-Dihydro-benzofuran-5-ylmethylene)-2-(2-fluoro-phenylimino)-thiazolidin-4-one;
- 2-(2-Methylsulfanyl-phenylimino)-5-(quinolin-6-ylmethylene)-thiazolidin-4-one;
- 2-(2-Bromo-phenylimino)-5-(quinolin-6-ylmethylene)-thiazolidin-4-one;
- 2-(2,3-Dimethyl-phenylimino)-5-(quinolin-6-ylmethylene)-thiazolidin-4-one;
- 2-(Naphthalen-1-ylimino)-5-(quinolin-6-ylmethylene)-thiazolidin-4-one;

- 5-(Quinolin-6-ylmethylene)-2-(2-trifluoromethyl-phenylimino)-thiazolidin-4-one;
- 2-(2-Chloro-5-trifluoromethyl-phenylimino)-5-(quinolin-6-ylmethylene)-thiazolidin-4-one;
- 2-(2,6-Dichloro-phenylimino)-5-8quinolin-6-ylmethylene)-thiazolidin-4-one;
- 2-(2-Bromo-phenylimino)-5-(2,3-dihydro-benzo[1-6]dioxin-6-ylmethylene)-thiazolidin-4-one;
- 2-(2-Chloro-phenylimino)-5-(quinoxalin-6-ylmethylene)-thiazolidin-4-one;
- 2-(2,6-Dichloro-phenylimino)-5-(2,3-dihydro-benzo[1-6]dioxin-6-ylmethylene)-thiazolidin-4-one;
- 5-(2,3-Dihydro-benzo[1-6]dioxin-6-ylmethylene)-2-(2-nitro-phenylimino)-thiazolidin-4-one;
- 5-(2,3-Dihydro-benzofuran-5-ylmethylene)-2-(2-nitro-phenylimino)-thiazolidin-4-one;
- 2-(2-Chloro-4-fluoro-5-methyl-phenylimino)-5-(2,3-dihydro-benzofuran-5-ylmethylene)-thiazolidin-4-one;
- 3-Chloro-4-[5-(2,3-dihydro-benzofuran-5-ylmethylene)-4-oxo-thiazolidin-2-ylideneamino]-benzoic acid methyl ester;
- 2-(2-Chloro-5-fluoro-phenylimino)-5-(2,3-dihydro-benzofuran-5-ylmethylene)-thiazolidin-4-one;
- 2-(2-Chloro-4-trifluoromethyl-phenylimino)-5-(2,3-dihydro-benzofuran-5-ylmethylene)-thiazolidin-4-one;
- 2-(4-Bromo-2-chloro-phenylimino)-5-(2,3-dihydro-benzofuran-5-ylmethylene)-thiazolidin-4-one;
- 5-(2,3-Dihydro-benzofuran-5-ylmethylene)-2-(2-methanesulfinyl-phenylimino)-thiazolidin-4-one;
- 3-Chloro-4-[5-(2,3-dihydro-benzofuran-5-ylmethylene)-4-oxo-thiazolidin-2-ylideneamino]-benzoic acid;
- 5-[2-(2-Chloro-phenylimino)-4-oxo-thiazolidin-5-ylidenemethyl]-1H-pyridin-2-one;
- 2-(2-Methylsulfonyl-phenylimino)-5-(quinolin-6-ylmethylene)-thiazolidin-4-one;
- 2-(2-Chloro-4-fluoro-5-methyl-phenylimino)-5-(quinolin-6-ylmethylene)-thiazolidin-4-one;

- 2-(2-Chloro-5-fluoro-phenylimino)-5-(quinolin-6-ylmethylene)-thiazolidin-4-one;
- 2-(2-Chloro-5-fluoro-phenylimino)-5-(2,3-dihydro-benzo[1,6]dioxin-6-ylmethylene)-thiazolidin-4-one;
- 2-(2-Chloro-4-trifluoromethyl-phenylimino)-5-quinolin-6-ylmethylene-thiazolidin-4-one;
- 5-(Benzothiazol-6-ylmethylene)-2-(2-chloro-phenylimino)-thiazolidin-4-one;
- 5-(Benzo[1,2,5]thiadiazol-5-ylmethylene)-2-(2-bromo-phenylimino)-thiazolidin-4-one;
- 5-(Benzo[1,2,5]thiadiazol-5-ylmethylene)-2-(2-chloro-5-fluoro-phenylimino)-thiazolidin-4-one;
- 5-(Benzothiazol-6-ylmethylene)-2-(2,6-dichloro-phenylimino)-thiazolidin-4-one;
- 2-(2-Chloro-phenylimino)-5-(4-hydroxy-3-nitro-benzylidene)-thiazolidin-4-one;
- 2-(2-Chloro-phenylimino)-5-(4-hydroxy-3-methoxy-benzylidene)-thiazolidin-4-one;
- 2-(2-Chloro-phenylimino)-5-(4-hydroxy-benzylidene)-thiazolidin-4-one;
- 2-(2-Chloro-phenylimino)-5-(4-methoxy-benzylidene)-thiazolidin-4-one;
- 5-(3-Chloro-4-hydroxy-benzylidene)-2-(2-chloro-phenylimino)-thiazolidin-4-one;
- 2-(2-Chloro-phenylimino)-5-(3-fluoro-4-methoxy-benzylidene)-thiazolidin-4-one;
- 2-(2,6-Dichloro-phenylimino)-5-(3-fluoro-4-hydroxy-benzylidene)-thiazolidin-4-one;
- 2-(2-Chloro-phenylimino)-5-(3-fluoro-4-hydroxy-benzylidene)-thiazolidin-4-one;
- 2-(2-Chloro-5-fluoro-phenylimino)-5-(3-fluoro-4-hydroxy-benzylidene)-thiazolidin-4-one;
- 5-(3-Fluoro-4-hydroxy-benzylidene)-2-o-tolylimino-thiazolidin-4-one;
- 2-(2-Chloro-phenylimino)-5-quinolin-6-ylmethylene-thiazolidin-4-one;
- 5-Quinolin-6-ylmethylene-2-(2,4,6-trimethyl-phenylimino)-thiazolidin-4-one;
- 5-Quinolin-6-ylmethylene-2-o-tolylimino-thiazolidin-4-one;

- 2-(2-Methoxy-phenylimino)-5-quinolin-6-ylmethylene-thiazolidin-4-one;
- 5-(2,3-Dihydro-benzofuran-5-ylmethylene)-2-(2-dimethylamino-ethylamino)-thiazol-4-one;
- Benzoic acid N'-(4-oxo-5-quinolin-6-ylmethylene-4,5-dihydro-thiazol-2-yl)-hydrazide;
- 2-(2-Dimethylamino-ethylimino)-5-quinolin-6-ylmethylene-thiazolidin-4-one;
- 5-(2,3-Dihydro-benzofuran-5-ylmethylene)-2-(piperidin-1-ylamino)-thiazol-4-one;
- 2-Benzylamino-5-(2,3-dihydro-benzofuran-5-ylmethylene)-thiazol-4-one;
- 2-(4-tert-Butyl-thiazol-2-ylamino)-5-(2,3-dihydro-benzofuran-5-ylmethylene)-thiazol-4-one;
- 4-[[5-(2,3-Dihydro-benzofuran-5-ylmethylene)-4-oxo-4,5-dihydro-thiazol-2-ylamino]-methyl]-benzenesulfonamide;
- 5-(2,3-Dihydro-benzofuran-5-ylmethylene)-2-(3-dimethylamino-propylamino)-thiazol-4-one;
- 5-(2,3-Dihydro-benzofuran-5-ylmethylene)-2-(3-imidazol-1-yl-propylamino)-thiazol-4-one;
- Phenyl-carbamic acid N'-[5-(2,3-dihydro-benzofuran-5-ylmethylene)-4-oxo-4,5-dihydro-thiazol-2-yl]-hydrazide;
- Benzoic acid N'-[5-(2,3-dihydro-benzofuran-5-ylmethylene)-4-oxo-4,5-dihydro-thiazol-2-yl]-hydrazide;
- 5-Benzo[1,2,5]thiadiazol-5-ylmethylene-2-(2,3,4-trifluoro-phenylamino)-thiazol-4-one;
- 5-Benzo[1,2,5]oxadiazol-5-ylmethylene-2-(2-nitro-phenylamino)-thiazol-4-one;
- 2-(2,6-Dichloro-phenylamino)-5-(4-[1,2,4]triazol-1-yl-benzylidene)-thiazol-4-one;
- 2-(2,6-Dichloro-phenylamino)-5-(1H-pyrrolo[2,3-b]pyridin-2-ylmethylene)-thiazol-4-one;
- 5-Benzo[1,2,5]thiadiazol-5-ylmethylene-2-(2,6-dichloro-phenylamino)-thiazol-4-one;
- 5-[2-(2-Methoxy-6-methyl-phenylamino)-4-oxo-4H-thiazol-5-ylidenemethyl]-1H-pyridin-2-one;

5-Benzo[1,2,5]thiadiazol-5-ylmethylene-2-(2-nitro-phenylamino)-thiazol-4-one;
2-(2-Bromo-6-fluoro-phenylamino)-5-quinolin-6-ylmethylene-thiazol-4-one;
2-(2-Methoxy-6-methyl-phenylamino)-5-quinolin-6-ylmethylene-thiazol-4-one;
5-Quinolin-6-ylmethylene-2-(2,3,4-trifluoro-phenylamino)-thiazol-4-one;
2-(2,6-Dichloro-phenylamino)-5-(2-oxo-2H-chromen-6-ylmethylene)-thiazol-4-one;
2-(2-Bromo-phenylamino)-5-(5-pyridin-2-yl-thiophen-2-ylmethylene)-thiazol-4-one;
2-(2-Bromo-phenylamino)-5-(1-oxy-pyridin-4-ylmethylene)-thiazol-4-one;
2-(2-Bromo-phenylamino)-5-(3-p-tolyl-benzo[c]isoxazol-5-ylmethylene)-thiazol-4-one;
2-(2-Bromo-phenylamino)-5-(3,4-dihydro-2H-benzo[b][1-6]dioxepin-7-ylmethylene)-thiazol-4-one;
5-Benzo[1,2,5]oxadiazol-5-ylmethylene-2-(2-bromo-phenylamino)-thiazol-4-one;
2-(2,6-Dichloro-phenylamino)-5-(2-methoxy-pyridin-3-ylmethylene)-thiazol-4-one;
2-(2-Chloro-phenylamino)-5-(6-methoxy-pyridin-3-ylmethylene)-thiazol-4-one;
2-(2-Chloro-5-trifluoromethyl-phenylamino)-5-quinolin-6-ylmethylene-thiazol-4-one;
2-(2-Bromo-phenylamino)-5-(4-hydroxy-3-methoxy-benzylidene)-thiazol-4-one;
5-(2,3-Dihydro-benzofuran-5-ylmethylene)-2-(2-methoxy-phenylamino)-thiazol-4-one;
2-(2-Nitro-phenylamino)-5-quinolin-6-ylmethylene-thiazol-4-one;
2-(2-Bromo-phenylamino)-5-(3,4-diamino-benzylidene)-thiazol-4-one;
5-[2-(2-Chloro-phenylimino)-4-oxo-thiazolidin-5-ylidenemethyl]-1-methyl-1H-pyridin-2-one;
2-(2-Chloro-5-nitro-phenylamino)-5-quinolin-6-ylmethylene-thiazol-4-one;
2-(5-Amino-2-chloro-phenylamino)-5-quinolin-6-ylmethylene-thiazol-4-one;
N-[4-Chloro-3-(4-oxo-5-quinolin-6-ylmethylene-4,5-dihydro-thiazol-2-ylamino)-phenyl]-acetamidine hydrochloride;

4-[[4-oxo-5-(6-quinolinylmethylidene)-4,5-dihydro-1,3-thiazol-2-yl]amino]benzamide;

3-[[4-oxo-5-(6-quinolinylmethylidene)-4,5-dihydro-1,3-thiazol-2-yl]amino]benzenesulfonamide;

4-[[4-oxo-5-(6-quinolinylmethylidene)-4,5-dihydro-1,3-thiazol-2-yl]amino]-N-2-pyridinylbenzenesulfonamide;

2-({4-[(4-methyl-1-piperazinyl)methyl]phenyl}amino)-5-(6-quinolinylmethylidene)-1,3-thiazol-4(5H)-one;

2-({4-[(methylsulfonyl)methyl]phenyl}amino)-5-(6-quinolinylmethylidene)-1,3-thiazol-4(5H)-one;

2-({3-[(methylsulfonyl)methyl]phenyl}amino)-5-(6-quinolinylmethylidene)-1,3-thiazol-4(5H)-one;

2-({4-(4-methyl-1-piperazinyl)phenyl}amino)-5-(6-quinolinylmethylidene)-1,3-thiazol-4(5H)-one;

2-[[2-(3-chlorophenyl)ethyl]amino]-5-(6-quinolinylmethylidene)-1,3-thiazol-4(5H)-one;

4-(2-[[4-oxo-5-(6-quinolinylmethylidene)-4,5-dihydro-1,3-thiazol-2-yl]amino]ethyl)benzenesulfonamide;

3-[[4-oxo-5-(6-quinolinylmethylidene)-4,5-dihydro-1,3-thiazol-2-yl]amino]benzamide;

2-[(2,6-Difluoro-phenylamino)-methylene]-5-quinolin-6-ylmethylene-thiazolidin-4-one;

2-[(2,6-Difluoro-phenylamino)-methylene]-5-quinolin-6-ylmethylene-thiazolidin-4-one;

[2,4-Dichloro-5-(4-oxo-5-quinolin-6-ylmethylene-thiazolidin-2-ylideneamino)-phenoxy]-acetic acid;

2-[2,4-Dichloro-5-(2-methoxy-ethoxy)-phenylimino]-5-quinolin-6-ylmethylene-thiazolidin-4-one;

4-Chloro-3-(4-oxo-5-quinolin-6-ylmethylene-thiazolidin-2-ylideneamino)-benzoic acid; and

[2,4-Dichloro-5-(4-oxo-5-quinolin-6-ylmethylene-thiazolidin-2-ylideneamino)-phenoxy]-acetic acid,

or a salt, solvate, or a physiologically functional derivative thereof.